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Sequence Listing could not be accepted due to errors.

See attached Validation Report.

If you need help call the Patent Electronic Business Center at (866)  
217-9197 (toll free).

Reviewer: Anne Corrigan

Timestamp: [year=2008; month=5; day=2; hr=16; min=33; sec=40; ms=432; ]

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\*\*\*\*\*

Reviewer Comments:

PD1 à;± á

<110> GROSSMAN, ABRAHAM

<120> COMPOSITIONS AND METHODS USED FOR IDENTIFYING FACTORS  
REQUIRED FOR THE AGGLOMERATION OF PROTEINS

The first line is a sample of the many non-ASCII characters appearing  
above the <110> line.

<210> 1

<211> 196

<212> RNA

<213> Unknown Organism

<220>

<223> Description of Unknown Organism: Illistrative  
sequence of the invention

The above <213> response is invalid, per 1.823 of the Sequence Rules:  
the only valid responses are: the Genus species of the organism,  
"Artificial Sequence," or "Unknown" (not "Unknown Organism"). Also,  
please change the spelling of "Illistrative" in the <223> response to  
"Illustrative." These errors appear in Sequences 2-6, too.

(end of Sequence 7)

Ser Arg Glu

2355

PAGE

PAGE 10

Please remove the above two lines and the many non-ASCII characters appearing at the end of the submitted file.

Per Sequence Rules, all sequence listing files must be saved in ASCII text format.

\*\*\*\*\*

Application No: 10524681

Version No: 1.0

Input Set:

Output Set:

Started: 2008-04-21 14:29:54.722

Finished: 2008-04-21 14:30:09.435

Elapsed: 0 hr(s) 0 min(s) 14 sec(s) 713 ms

Total Warnings: 518

Total Errors: 375

No. of SeqIDs Defined: 7

Actual SeqID Count: 7

Error code	Error Description
E 201	Mandatory field data missing in <140>
E 201	Mandatory field data missing in <141>
W 402	Undefined organism found in <213> in SEQ ID (1)
W 402	Undefined organism found in <213> in SEQ ID (2)
W 402	Undefined organism found in <213> in SEQ ID (3)
W 402	Undefined organism found in <213> in SEQ ID (4)
W 402	Undefined organism found in <213> in SEQ ID (5)
W 402	Undefined organism found in <213> in SEQ ID (6)
W 112	Upper case found in data; Found at position(1) SEQID(7)
W 112	Upper case found in data; Found at position(2) SEQID(7)
W 112	Upper case found in data; Found at position(3) SEQID(7)
W 112	Upper case found in data; Found at position(5) SEQID(7)
W 112	Upper case found in data; Found at position(6) SEQID(7)
W 112	Upper case found in data; Found at position(7) SEQID(7)
W 112	Upper case found in data; Found at position(8) SEQID(7)
W 112	Upper case found in data; Found at position(416) SEQID(7)
W 112	Upper case found in data; Found at position(420) SEQID(7)
E 342	'n' position not defined found at POS: 424 SEQID(7)
W 112	Upper case found in data; Found at position(424) SEQID(7)
W 112	Upper case found in data; Found at position(432) SEQID(7)

**Input Set:**

**Output Set:**

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**Total Warnings:** 518  
**Total Errors:** 375  
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**Actual SeqID Count:** 7

Error code	Error Description
W 112	Upper case found in data; Found at position(450) SEQID(7)
W 112	Upper case found in data; Found at position(453) SEQID(7)
W 112	Upper case found in data; Found at position(459) SEQID(7)
E 342	'n' position not defined found at POS: 461 SEQID(7)
W 112	Upper case found in data; Found at position(465) SEQID(7)
E 342	'n' position not defined found at POS: 467 SEQID(7)
W 112	Upper case found in data; Found at position(479) SEQID(7)
W 112	Upper case found in data; Found at position(493) SEQID(7)
E 342	'n' position not defined found at POS: 495 SEQID(7)
W 112	Upper case found in data; Found at position(499) SEQID(7)
W 112	Upper case found in data; Found at position(506) SEQID(7)
W 112	Upper case found in data; Found at position(510) SEQID(7) This error has occurred more than 20 times, will not be displayed
E 342	'n' position not defined found at POS: 994 SEQID(7)
E 342	'n' position not defined found at POS: 1953 SEQID(7)
E 342	'n' position not defined found at POS: 2459 SEQID(7)
E 342	'n' position not defined found at POS: 2498 SEQID(7)
E 342	'n' position not defined found at POS: 2969 SEQID(7)
E 342	'n' position not defined found at POS: 3474 SEQID(7)
E 342	'n' position not defined found at POS: 3487 SEQID(7)
E 342	'n' position not defined found at POS: 4148 SEQID(7)
E 342	'n' position not defined found at POS: 4299 SEQID(7)
E 342	'n' position not defined found at POS: 4552 SEQID(7)

**Input Set :**

**Output Set :**

**Started:** 2008-04-21 14:29:54.722

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**Total Errors:** 375

**No. of SeqIDs Defined:** 7

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Error code	Error Description
E 259	Found undefined lettercode; POS (21292) SEQID(7)
E 259	Found undefined lettercode; POS (21293) SEQID(7)
E 259	Found undefined lettercode; POS (21294) SEQID(7)
E 259	Found undefined lettercode; POS (21295) SEQID(7)
E 259	Found undefined lettercode; POS (21296) SEQID(7)
E 259	Found undefined lettercode; POS (21298) SEQID(7)
E 259	Found undefined lettercode; POS (21299) SEQID(7)
E 259	Found undefined lettercode; POS (21300) SEQID(7)
E 259	Found undefined lettercode; POS (21301) SEQID(7)
E 259	Found undefined lettercode; POS (21302) SEQID(7)
E 259	Found undefined lettercode; POS (21303) SEQID(7)
E 259	Found undefined lettercode; POS (21304) SEQID(7)
E 259	Found undefined lettercode; POS (21306) SEQID(7)
E 259	Found undefined lettercode; POS (21307) SEQID(7)
E 259	Found undefined lettercode; POS (21308) SEQID(7)
E 259	Found undefined lettercode; POS (21309) SEQID(7)
E 259	Found undefined lettercode; POS (21310) SEQID(7)
E 259	Found undefined lettercode; POS (21312) SEQID(7)
E 259	Found undefined lettercode; POS (21313) SEQID(7)
E 259	Found undefined lettercode; POS (21314) SEQID(7) This error has occurred more than 20 times, will not be displayed
E 342	'n' position not defined found at POS: 21992 SEQID(7)
E 342	'n' position not defined found at POS: 22232 SEQID(7)

**Input Set:**

**Output Set:**

**Started:** 2008-04-21 14:29:54.722  
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**Actual SeqID Count:** 7

Error code	Error Description
E 342	'n' position not defined found at POS: 24003 SEQID(7)
E 342	'n' position not defined found at POS: 28233 SEQID(7)

<210> 1  
<211> 196  
<212> RNA  
<213> Unknown Organism

<220>  
<223> Description of Unknown Organism: Illustrative  
sequence of the invention

<400> 1  
gggguuucca accggaauuu gagggauGCC uaggcauccc ccgugcqucc cuuuacgagg 60  
gauugucgac ucuagucgac gucugggcga aaaauguacg agaggaccuu uucgguacag 120  
accguaccug agggauGCCu aggcAUCCCC cgcgcgguu ucgGCCucc agugcguguu 180  
accgcacugu cgaccc 196

<210> 2  
<211> 221  
<212> DNA  
<213> Unknown Organism

<220>  
<223> Description of Unknown Organism: Illustrative  
sequence of the invention

<400> 2  
ggggaccccc cggaaggggg gacgaggtgc gggcacctcg tacgggagtt cgaccgtgac 60  
gagtcacggg ctageccttt cgcctcttcc caggtgacgc ctctgaaga ggcgcgacct 120  
tcgtgcgttt cgcgcagcga cgagaaccgc cagctgctt cgcagcgtgg ccccttcggc 180  
cagcccgctg cgcgaggtga cccccgaag ggggttcccc a 221

<210> 3  
<211> 86  
<212> DNA  
<213> Unknown Organism

<220>  
<223> Description of Unknown Organism: Illustrative  
sequence of the invention

<400> 3  
gggttcacag cctattcggc ttttaaagga ctttttccc tcgcgtagct agctacgcga 60  
ggtgaccccc cgaagggggg tgcccc 86

<210> 4  
<211> 130  
<212> DNA  
<213> Unknown Organism

<220>  
<223> Description of Unknown Organism: Illustrative  
sequence of the invention

<400> 4  
gggttcacag cctattcggc ttcgcgatg ggaatttgag ggacgatggg gaagtgggag 60

cgcgttttaa aggacctttt tccctgcgt agctagctac gcgaggtag ccccccgaagg 120  
ggggtgcccc 130

<210> 5  
<211> 118  
<212> DNA  
<213> Unknown Organism  
  
<220>  
<223> Description of Unknown Organism: Illustrative  
sequence of the invention

<400> 5  
gggttcatac cctattcgcc ttgcgcccc ttataatac ttagtgagcg cgttttaaag 60  
gaccttttc cctgcgtag ctactaacg gaggtgaccc cccgaagggg ggtgcccc 118

<210> 6  
<211> 118  
<212> DNA  
<213> Unknown Organism  
  
<220>  
<223> Description of Unknown Organism: Illustrative  
sequence of the invention

<400> 6  
gggttcatac cctattcgcc ttgcgcccc tggggtttgc ctacgagcg cgttttaaag 60  
gaccttttc cctgcgtag ctactaacg gaggtgaccc cccgaagggg ggtgcccc 118

<210> 7  
<211> 2355  
<212> PRT  
<213> Homo sapiens

<400> 7  
Met Leu Arg Gly Pro Gly Pro Gly Leu Leu Leu Ala Val Gln Cys  
1 5 10 15  
  
Leu Gly Thr Ala Val Pro Ser Thr Gly Ala Ser Lys Ser Lys Arg Gln  
20 25 30  
  
Ala Gln Gln Met Val Gln Pro Gln Ser Pro Val Ala Val Ser Gln Ser  
35 40 45  
  
Lys Pro Gly Cys Tyr Asp Asn Gly Lys His Tyr Gln Ile Asn Gln Gln  
50 55 60  
  
Trp Glu Arg Thr Tyr Leu Gly Asn Ala Leu Val Cys Thr Cys Tyr Gly  
65 70 75 80  
  
Gly Ser Arg Gly Phe Asn Cys Glu Ser Lys Pro Glu Ala Glu Glu Thr  
85 90 95  
  
Cys Phe Asp Lys Tyr Thr Gly Asn Thr Tyr Arg Val Gly Asp Thr Tyr



100										105										110																																			
Glu	Arg	Pro	Lys	Asp	Ser	Met	Ile	Trp	Asp	Cys	Thr	Cys	Ile	Gly	Ala																																								
115										120										125																																			
Gly	Arg	Gly	Arg	Ile	Ser	Cys	Thr	Ile	Ala	Asn	Arg	Cys	His	Glu	Gly																																								
130										135										140																																			
Gly	Gln	Ser	Tyr	Lys	Ile	Gly	Asp	Thr	Trp	Arg	Arg	Pro	His	Glu	Thr																																								
145										150										155										160																									
Gly	Gly	Tyr	Met	Leu	Glu	Cys	Val	Cys	Leu	Gly	Asn	Gly	Lys	Gly	Glu																																								
165										170										175																																			
Trp	Thr	Cys	Lys	Pro	Ile	Ala	Glu	Lys	Cys	Phe	Asp	His	Ala	Ala	Gly																																								
180										185										190																																			
Thr	Ser	Tyr	Val	Val	Gly	Glu	Thr	Trp	Glu	Lys	Pro	Tyr	Gln	Gly	Trp																																								
195										200										205																																			
Met	Met	Val	Asp	Cys	Thr	Cys	Leu	Gly	Glu	Gly	Ser	Gly	Arg	Ile	Thr																																								
210										215										220																																			
Cys	Thr	Ser	Arg	Asn	Arg	Cys	Asn	Asp	Gln	Asp	Thr	Arg	Thr	Ser	Tyr																																								
225										230										235										240																									
Arg	Ile	Gly	Asp	Thr	Trp	Ser	Lys	Lys	Asp	Asn	Arg	Gly	Asn	Leu	Leu																																								
245										250										255																																			
Gln	Cys	Ile	Cys	Thr	Gly	Asn	Gly	Arg	Gly	Glu	Trp	Lys	Cys	Glu	Arg																																								
260										265										270																																			
His	Thr	Ser	Val	Gln	Thr	Thr	Ser	Ser	Gly	Ser	Gly	Pro	Phe	Thr	Asp																																								
275										280										285																																			
Val	Arg	Ala	Ala	Val	Tyr	Gln	Pro	Gln	Pro	His	Pro	Gln	Pro	Pro	Pro																																								
290										295										300																																			
Tyr	Gly	His	Cys	Val	Thr	Asp	Ser	Gly	Val	Val	Tyr	Ser	Val	Gly	Met																																								
305										310										315										320																									
Gln	Trp	Leu	Lys	Thr	Gln	Gly	Asn	Lys	Gln	Met	Leu	Cys	Thr	Cys	Leu																																								
325										330										335																																			
Gly	Asn	Gly	Val	Ser	Cys	Gln	Glu	Thr	Ala	Val	Thr	Gln	Thr	Tyr	Gly																																								
340										345										350																																			
Gly	Asn	Ser	Asn	Gly	Glu	Pro	Cys	Val	Leu	Pro	Phe	Thr	Tyr	Asn	Gly																																								
355										360										365																																			
Arg	Thr	Phe	Tyr	Ser	Cys	Thr	Thr	Glu	Gly	Arg	Gln	Asp	Gly	His	Leu																																								
370										375										380																																			
Trp	Cys	Ser	Thr	Thr	Ser	Asn	Tyr	Glu	Gln	Asp	Gln	Lys	Tyr	Ser	Phe																																								
385										390										395										400																									

Cys Thr Asp His Thr Val Leu Val Gln Thr Arg Gly Gly Asn Ser Asn	405	410	415
Gly Ala Leu Cys His Phe Pro Phe Leu Tyr Asn Asn His Asn Tyr Thr	420	425	430
Asp Cys Thr Ser Glu Gly Arg Arg Asp Asn Met Lys Trp Cys Gly Thr	435	440	445
Thr Gln Asn Tyr Asp Ala Asp Gln Lys Phe Gly Phe Cys Pro Met Ala	450	455	460
Ala His Glu Glu Ile Cys Thr Thr Asn Glu Gly Val Met Tyr Arg Ile	465	470	475
Gly Asp Gln Trp Asp Lys Gln His Asp Met Gly His Met Met Arg Cys	485	490	495
Thr Cys Val Gly Asn Gly Arg Gly Glu Trp Thr Cys Ile Ala Tyr Ser	500	505	510
Gln Leu Arg Asp Gln Cys Ile Val Asp Asp Ile Thr Tyr Asn Val Asn	515	520	525
Asp Thr Phe His Lys Arg His Glu Glu Gly His Met Leu Asn Cys Thr	530	535	540
Cys Phe Gly Gln Gly Arg Gly Arg Trp Lys Cys Asp Pro Val Asp Gln	545	550	555
Cys Gln Asp Ser Glu Thr Gly Thr Phe Tyr Gln Ile Gly Asp Ser Trp	565	570	575
Glu Lys Tyr Val His Gly Val Arg Tyr Gln Cys Tyr Cys Tyr Gly Arg	580	585	590
Gly Ile Gly Glu Trp His Cys Gln Pro Leu Gln Thr Tyr Pro Ser Ser	595	600	605
Ser Gly Pro Val Glu Val Phe Ile Thr Glu Thr Pro Ser Gln Pro Asn	610	615	620
Ser His Pro Ile Gln Trp Asn Ala Pro Gln Pro Ser His Ile Ser Lys	625	630	635
Tyr Ile Leu Arg Trp Arg Pro Lys Asn Ser Val Gly Arg Trp Lys Glu	645	650	655
Ala Thr Ile Pro Gly His Leu Asn Ser Tyr Thr Ile Lys Gly Leu Lys	660	665	670
Pro Gly Val Val Tyr Glu Gly Gln Leu Ile Ser Ile Gln Gln Tyr Gly	675	680	685
His Gln Glu Val Thr Arg Phe Asp Phe Thr Thr Thr Ser Thr Ser Thr	690	695	700

Pro Val Thr Ser Asn Thr Val Thr Gly Glu Thr Thr Pro Phe Ser Pro			
705	710	715	720
Leu Val Ala Thr Ser Glu Ser Val Thr Glu Ile Thr Ala Ser Ser Phe			
	725	730	735
Val Val Ser Trp Val Ser Ala Ser Asp Thr Val Ser Gly Phe Arg Val			
	740	745	750
Glu Tyr Glu Leu Ser Glu Glu Gly Asp Glu Pro Gln Tyr Leu Asp Leu			
	755	760	765
Pro Ser Thr Ala Thr Ser Val Asn Ile Pro Asp Leu Leu Pro Gly Arg			
	770	775	780
Lys Tyr Ile Val Asn Val Tyr Gln Ile Ser Glu Asp Gly Glu Gln Ser			
785	790	795	800
Leu Ile Leu Ser Thr Ser Gln Thr Thr Ala Pro Asp Ala Pro Pro Asp			
	805	810	815
Pro Thr Val Asp Gln Val Asp Asp Thr Ser Ile Val Val Arg Trp Ser			
	820	825	830
Arg Pro Gln Ala Pro Ile Thr Gly Tyr Arg Ile Val Tyr Ser Pro Ser			
	835	840	845
Val Glu Gly Ser Ser Thr Glu Leu Asn Leu Pro Glu Thr Ala Asn Ser			
	850	855	860
Val Thr Leu Ser Asp Leu Gln Pro Gly Val Gln Tyr Asn Ile Thr Ile			
865	870	875	880
Tyr Ala Val Glu Glu Asn Gln Glu Ser Thr Pro Val Val Ile Gln Gln			
	885	890	895
Glu Thr Thr Gly Thr Pro Arg Ser Asp Thr Val Pro Ser Pro Arg Asp			
	900	905	910
Leu Gln Phe Val Glu Val Thr Asp Val Lys Val Thr Ile Met Trp Thr			
	915	920	925
Pro Pro Glu Ser Ala Val Thr Gly Tyr Arg Val Asp Val Ile Pro Val			
	930	935	940
Asn Leu Pro Gly Glu His Gly Gln Arg Leu Pro Ile Ser Arg Asn Thr			
945	950	955	960
Phe Ala Glu Val Thr Gly Leu Ser Pro Gly Val Thr Tyr Tyr Phe Lys			
	965	970	975
Val Phe Ala Val Ser His Gly Arg Glu Ser Lys Pro Leu Thr Ala Gln			
	980	985	990
Gln Thr Thr Lys Leu Asp Ala Pro Thr Asn Leu Gln Phe Val Asn Glu			
	995	1000	1005

Thr Asp Ser Thr Val Leu Val Arg Trp Thr Pro Pro Arg Ala Gln Ile			
1010	1015	1020	
Thr Gly Tyr Arg Leu Thr Val Gly Leu Thr Arg Arg Gly Gln Pro Arg			
1025	1030	1035	1040
Gln Tyr Asn Val Gly Pro Ser Val Ser Lys Tyr Pro Leu Arg Asn Leu			
1045	1050	1055	
Gln Pro Ala Ser Glu Tyr Thr Val Ser Leu Val Ala Ile Lys Gly Asn			
1060	1065	1070	
Gln Glu Ser Pro Lys Ala Thr Gly Val Phe Thr Thr Leu Gln Pro Gly			
1075	1080	1085	
Ser Ser Ile Pro Pro Tyr Asn Thr Glu Val Thr Glu Thr Thr Ile Val			
1090	1095	1100	
Ile Thr Trp Thr Pro Ala Pro Arg Ile Gly Phe Lys Leu Gly Val Arg			
1105	1110	1115	1120
Pro Ser Gln Gly Gly Glu Ala Pro Arg Glu Val Thr Ser Asp Ser Gly			
1125	1130	1135	
Ser Ile Val Val Ser Gly Leu Thr Pro Gly Val Glu Tyr Val Tyr Thr			
1140	1145	1150	
Ile Gln Val Leu Arg Asp Gly Gln Glu Arg Asp Ala Pro Ile Val Asn			
1155	1160	1165	
Lys Val Val Thr Pro Leu Ser Pro Pro Thr Asn Leu His Leu Glu Ala			
1170	1175	1180	
Asn Pro Asp Thr Gly Val Leu Thr Val Ser Trp Glu Arg Ser Thr Thr			
1185	1190	1195	1200
Pro Asp Ile Thr Gly Tyr Arg Ile Thr Thr Thr Pro Thr Asn Gly Gln			
1205	1210	1215	
Gln Gly Asn Ser Leu Glu Glu Val Val His Ala Asp Gln Ser Ser Cys			
1220	1225	1230	
Thr Phe Asp Asn Leu Ser Pro Gly Leu Glu Tyr Asn Val Ser Val Tyr			
1235	1240	1245	
Thr Val Lys Asp Asp Lys Glu Ser Val Pro Ile Ser Asp Thr Ile Ile			
1250	1255	1260	
Pro Ala Val Pro Pro Pro Thr Asp Leu Arg Phe Thr Asn Ile Gly Pro			
1265	1270	1275	1280
Asp Thr Met Arg Val Thr Trp Ala Pro Pro Pro Ser Ile Asp Leu Thr			
1285	1290	1295	
Asn Phe Leu Val Arg Tyr Ser Pro Val Lys Asn Glu Glu Asp Val Ala			
1300	1305	1310	

Glu Leu Ser Ile Ser Pro Ser Asp Asn Ala Val Val Leu Thr Asn Leu			
1315	1320	1325	
Leu Pro Gly Thr Glu Tyr Val Val Ser Val Ser Ser Val Tyr Glu Gln			
1330	1335	1340	
His Glu Ser Thr Pro Leu Arg Gly Arg Gln Lys Thr Gly Leu Asp Ser			
1345	1350	1355	1360
Pro Thr Gly Ile Asp Phe Ser Asp Ile Thr Ala Asn Ser Phe Thr Val			
1365	1370	1375	
His Trp Ile Ala Pro Arg Ala Thr Ile Thr Gly Tyr Arg Ile Arg His			
1380	1385	1390	
His Pro Glu His Phe Ser Gly Arg Pro Arg Glu Asp Arg Val Pro His			
1395	1400	1405	
Ser Arg Asn Ser Ile Thr Leu Thr Asn Leu Thr Pro Gly Thr Glu Tyr			
1410	1415	1420	
Val Val Ser Ile Val Ala Leu Asn Gly Arg Glu Glu Ser Pro Leu Leu			
1425	1430	1435	1440
Ile Gly Gln Gln Ser Thr Val Ser Asp Val Pro Arg Asp Leu Glu Val			
1445	1450	1455	
Val Ala Ala Thr Pro Thr Ser Leu Leu Ile Ser Trp Asp Ala Pro Ala			
1460	1465	1470	
Val Thr Val Arg Tyr Tyr Arg Ile Thr Tyr Gly Glu Thr Gly Gly Asn			
1475	1480	1485	
Ser Pro Val Gln Glu Phe Thr Val Pro Gly Ser Lys Ser Thr Ala Thr			
1490	1495	1500	
Ile Ser Gly Leu Lys Pro Gly Val Asp Tyr Thr Ile Thr Val Tyr Ala			
1505	1510	1515	1520
Val Thr Gly Arg Gly Asp Ser Pro Ala Ser Ser Lys Pro Ile Ser Ile			
1525	1530	1535	
Asn Tyr Arg Thr Glu Ile Asp Lys Pro Ser Gln Met Gln Val Thr Asp			
1540	1545	1550	
Val Gln Asp Asn Ser Ile Ser Val Lys Trp Leu Pro Ser Ser Ser Pro			
1555	1560	1565	
Val Thr Gly Tyr Arg Val Thr Thr Thr Pro Lys Asn Gly Pro Gly Pro			
1570	1575	1580	
Thr Lys Thr Lys Thr Ala Gly Pro Asp Gln Thr Glu Met Thr Ile Glu			
1585	1590	1595	1600
Gly Leu Gln Pro Thr Val Glu Tyr Val Val Ser Val Tyr Ala Gln Asn			
1605	1610	1615	

Pro Ser Gly Glu Ser Gln Pro Leu Val Gln Thr Ala Val Thr Asn Ile			
1620	1625	1630	
Asp Arg Pro Lys Gly Leu Ala Phe Thr Asp Val Asp Val Asp Ser Ile			
1635	1640	1645	
Lys Ile Ala Trp Glu Ser Pro Gln Gly Gln Val Ser Arg Tyr Arg Val			
1650	1655	1660	
Thr Tyr Ser Ser Pro Glu Asp Gly Ile His Glu Leu Phe Pro Ala Pro			
1665	1670	1675	1680
Asp Gly Glu Glu Asp Thr Ala Glu Leu Gln Gly Leu Arg Pro Gly Ser			
1685	1690	1695	
Glu Tyr Thr Val Ser Val Val Ala Leu His Asp Asp Met Glu Ser Gln			
1700	1705	1710	
Pro Leu Ile Gly Thr Gln Ser Thr Ala Ile Pro Ala Pro Thr Asp Leu			
1715	1720	1725	
Lys Phe Thr Gln Val Thr Pro Thr Ser Leu Ser Ala Gln Trp Thr Pro			
1730	1735	1740	
Pro Asn Val Gln Leu Thr Gly Tyr Arg Val Arg Val Thr Pro Lys Glu			
1745	1750	1755	1760
Lys Thr Gly Pro Met Lys Glu Ile Asn Leu Ala Pro Asp Ser Ser Ser			
1765	1770	1775	
Val Val Val Ser Gly Leu Met Val Ala Thr Lys Tyr Glu Val Ser Val			
1780	1785	1790	
Tyr Ala Leu Lys Asp Thr Leu Thr Ser Arg Pro Ala Gln Gly Val Val			
1795	1800	1805	
Thr Thr Leu Glu Asn Val Ser Pro Pro Arg Arg Ala Arg Val Thr Asp			
1810	1815	1820	
Ala Thr Glu Thr Thr Ile Thr Ile Ser Trp Arg Thr Lys Thr Glu Thr			
1825	1830	1835	1840
Ile Thr Gly Phe Gln Val Asp Ala Val Pro Ala Asn Gly Gln Thr Pro			
1845	1850		